

# Work Order ID 53306

October 29, 2009 2:53:04 PM



Page 1

Item ID: D3819-1

Accept



Setup Start



Revision ID: A

Stop



Item Name: SPADE CONNECTOR

Start Date: 10/29/09 Start Qty: 12:00

20 CL 09/10/30



Cust Item ID:

Required Date: 11/06/09 Req'd Qty: 12.00



Customer:

Reference:

Approvals:

Process Plan: CL

Date: 09/10/29

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3819	A								

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: ~~10667~~ 10667

Purchase Part Number: 2-521103-2

Supplier: Tyco

Certificate of conformity is required

CL 09/10/30 20

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

CL 09/10/03 20

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

=> Sorlubs

CL 09/10/03 20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 53306**

Page 2

October 29, 2009 2:53:04 PM

Item ID: D3819-1

Accept



Setup Start



Revision ID: A

Stop



Item Name: SPADE CONNECTOR

Start Date: 10/29/09 Start Qty: 12.00



Cust Item ID:

Required Date: 11/06/09 Req'd Qty: 12.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

09/11/09 (20)

09/11/04 AJ  
BH 09-11-4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

October 29, 2009 2:53:03 PM

Page 1

Work Order ID: 53306



Parent Item: D3819-1



Parent Item Name: SPADE CONNECTOR



Start Date: 10/29/09

Required Date: 11/06/09

Comments:

Start Qty: 12.00

Required Qty: 12.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
2-521103-2  Male Spade Connector		Purchased	No			110	Each	0.0000	12.0000 		10/11/09	(20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

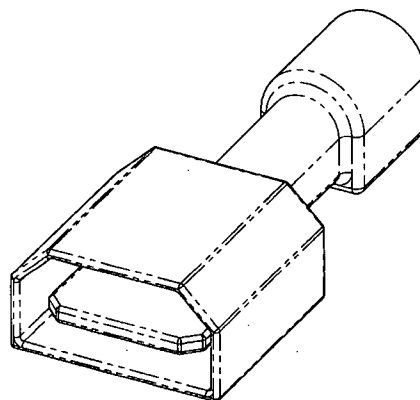
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# SPECIFICATION CONTROL DRAWING

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 53306  
C20910/29.



DART P/N	WIRE RANGE	DESCRIPTION	TYCO P/N	TAB SIZE	MATES WITH (DART P/N)	MATES WITH (TYCO P/N)	MATES WITH (DIGI-KEY P/N)
D3819-1	22-18 AWG	MALE QUICK-DISCONNECT RECEPTACLE (INSULATED)	2-521103-2	0.020 X 0.187	D3597-1	2-520182-2	A27804-ND

D3819-X

**RELEASED**  
09/01/13

A	NEW ISSUE		08.09.11
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	08.09.11		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D3819</b>	REV. A SHEET 1 OF 1
TITLE <b>SPADE CONNECTOR</b>	SCALE NTS
COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO10667

Purchase Order Date 10/30/09

PO Print Date 10/30/09

Page Number 1 of 1

Order From :

VU-DIG001

DIGI-KEY CORPORATION  
P.O. BOX 390  
THIEF RIVER FALLS, MN 56701-0390  
US

**FAXED**  
10/29/09

Revised \$

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 344 4539	Requisition Nbr	
Vendor Fax	218 681 3380	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	2-521103-2	Male Spade Connector	11/04/09 Yes	20.00 Each	Purolator ground	\$0.4400	\$8.80

Special Inst: AS PER DWG D3819 REV.A  
B53306  
TYCO P/N: 2-521103-2

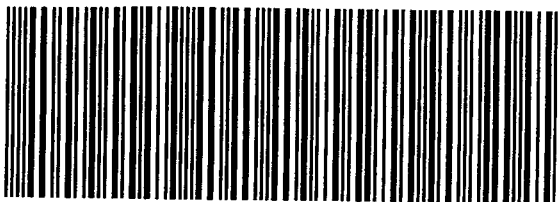
PO Total: \$8.80

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 10/30/09

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



677

Orders 1-800-344-4539

Fax 218-681-3380

www.digikey.com

Pack List #

1

**Digi-Key**  
CORPORATION701 Brooks Ave. S., P.O. Box 677  
Thief River Falls, MN 56701-0677**Digi-Key**  
CORPORATION

Page: 1

Box: 1

787-4

701 Brooks Ave. South, Thief River Falls, MN 56701-0677 USA

PO: PO10667  
AC 25492677, 1, 29590728 USAV CANADIANShip To:  
DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADASold To:  
CHANTAL LAVOIE  
DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

Sales Order 25492677	Invoice 29590728	Customer 3794228	Account 1125703	Customer P.O. PO10667	MSC # 0
Prev. Sales Order 23960821	Entered Date 30-OCT-2009	Operator A2RB	Printing Date 30-OCT-2009	Back Orders Accepts to 28-JAN-2010	Station 787-4

Ordered	Cancelled	Idx	Location	Item Number/Description	Shipped	Back Order	Unit Price Canadian \$	Amount Canadian \$
20	0	3	LT- 1563	2-521103-2 CONN ULTRA FAST 18-22AWG .187 CUST REF #: 2-521103-2 SCHED B: 853690 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	20			
SHIPPABLE	ITEMS: 1			TO ENSURE PROPER CREDIT TO ACCOUNT, PLEASE INCLUDE INVOICE NUMBER WITH ALL PAYMENTS. THE ORDER IS COMPLETE				
			General -	CALLED CHANTAL REGARDING MOQ, UPDATED PRICING AND EXPROT QUESTIONS. SHE APPROVED THE INCREASE TO MEET THE MIN QTY, PRICING APPROVED. WILL NOT BE EXPORTING. A2RB/2197 Customer indicated that product will not be exported outside of Canada. - A2RB * 3/2/09 SURVEY REVIEWED & SIGNED W/ISO,SSI,W9 AND ORG. CHART.A2EQ/2513.				
			NAFTA:	I certify that the goods referenced in this invoice/salesorder contract comply with the origin requirements specified for those goods in the North American Free Trade Agreement, and that further processing or assembly outside the territory has not occurred subsequent to processing or assembly in the territory.				
				These commodities, technology or software were exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. law prohibited.				
			CERTIFICATE OF COMPLIANCE:	The components included in the above shipment are genuine components and were manufactured to conform to the manufacturer's specifications for the identified product. Any applicable test reports are on file indicating materials conformance to specifications. This certification is valid only to the original customer and is not transferable. Contact Customer Service at 800-858-3616 if further information is required.				
				 Kim Gilbert, Customer Service Manager				

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

DIGI-KEY NRI #: 59V8X2

DIGI-KEY GST#: 895173490RT



Orders 1-800-344-4539  
Fax 218-681-3380  
www.digikey.com

# CERTIFICATE OF COMPLIANCE

701 Brooks Ave. South, P.O. Box 677, Thief River Falls, MN 56701-0677 USA

Sold To:

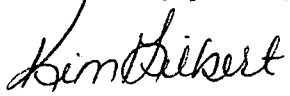
CHANTAL LAVOIE  
DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

Ship To:

DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

Salesorder	Invoice	Customer	Purchase Order	Date	Page	MSC #
25492677	29590728	3794228	PO10667	30-OCT-2009	1	0

787-4

Quantity	Part Number	Manufacturer
20	2-521103-2 2-521103-2 CUST REF #: 2-521103-2	TYCO ELECTRONICS AMP
<p>The components included in the above shipment are genuine components and were manufactured to conform to the manufacturer's specifications for the identified product. Any applicable test reports are on file indicating materials conformance to specifications.</p> <p>This certification is valid only to the original customer and is not transferable.</p> <p>If you have any questions, please contact Customer Service at 800-858-3616.</p> <p> Kim Gilbert, Customer Service Manager</p>		